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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of
Hayashi et al.

Serial No. 09/916,529

Group Art Unit: 2652

Filed: 7-30-01

Examiner: Klimowicz, William Joseph

For: **MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNETO-RESISTANCE
EFFECT HEAD, MAGNETO-RESISTANCE TRANSDUCER SYSTEM, AND
MAGNETIC STORAGE SYSTEM**

Commissioner of Patents
P.O. Box 1450
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INFORMATION DISCLOSURE STATEMENT

Sir:

Under the provisions of 37 C.F.R. 1.97 through 1.98 and pursuant to applicant's duty of disclosure under 37 C.F.R. 1.56, applicant respectfully brings the following documents, cited in a Korean Office Action for the corresponding application and listed on the attached form PTO-1449, to the attention of the Examiner in charge of the above-identified application. Copies of the listed documents are provided herewith for the convenience of the Examiner.

This citation does not constitute an admission that the references are relevant or material to the claims. They are only cited as constituting related art of which the applicant is aware.

I hereby certify the each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to filing of this statement.

In compliance with the requirements of 37 C.F.R. §1.98 (a)(3), as a concise statement of relevance, as it is presently understood by the individual designated in 35 U.S.C. §1.56(c) most knowledgeable about the content of the information, the undersigned attorney of record submits a

a translation of portions of the correspondence pertaining to the official action by the foreign examiner in which the reference was cited. The relevance of the pending U.S. patent application in that the reference was cited in a foreign patent application of the same subject matter.

However, no independent analysis of the reference, the accuracy of the statement of the foreign examiner or the claims of the foreign application under the laws of that country or the United States relative to the subject matter claimed in the present application has been made; the present understanding of the contents thereof by the undersigned being based on the foreign examiner's comments submitted herewith. It is respectfully requested that the listed references be considered by the Examiner and be formally made of record in the application. Please charge any deficiencies in fees and credit any overpayment of fees to Attorney's Deposit Account No. 50-2041.

Respectfully submitted,



Michael E. Whitham

Whitham, Curtis & Christofferson P.C.
Registration No. 32,635
11491 Sunset Hills Road
Suite 340
Reston, Va. 20190
703-787-9400
Customer # 30743

2652



**TRANSMITTAL LETTER
(General - Patent Pending)**

Docket No.
02230028AA

In Re Application Of: **Hayashi et al.**

Serial No.	Filing Date	Examiner	Group Art Unit
09/916,529	7-30-01	Klimowicz, William Joseph	2652

Title: **MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNETO-RESISTANCE EFFECT HEAD,
MAGNETO-RESISTANCE TRANSDUCER SYSTEM, AND MAGNETIC STORAGE SYSTEM**

TO THE COMMISSIONER FOR PATENTS:

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Transmitted herewith is:

- 1 IDS Submission
- 1 postcard + copy
- 1 PTO form 1449
- 3 associated art documents
- 1 transmittal letter

in the above identified application.

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Dated: 9-8-03

Whitham, Curtis & Christofferson P.C.
Michael E. Whitham
Reg. No. 32,635
11491 Sunset Hills Road
Suite 340
Reston, Va. 20190
703-787-9400
Customer # 30743

I certify that this document and fee is being deposited on _____ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
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